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Form PTO 1449 SEP 17 2002 PATENT & TRADEMARK OFFICE	US Department of Commerce Patent and Trademark Office	ATTY DOCKET NO: P-IS 4534	SERIAL NO. 09/748,793
	APPLICANT: Aebersold and Goodlett		RECEIVED SEP 19 2002 1641
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE: December 26, 2000	

TECH CENTER 1600/29

U.S. PATENT DOCUMENTS


EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

mcs	-	Bruce et al., "High-mass-measurement accuracy and 100% sequence coverage of enzymatically digested bovine serum albumin from an ESI-FTICR mass spectrum," <u>Anal. Chem.</u> 71:2595-2599 (1999).
mcs	-	Easterling et al., "Routine part-per-million mass accuracy for high-mass ions: space-charge effects in MALDI FT-ICR," <u>Anal. Chem.</u> 71:624-632 (1999).

EXAMINER		DATE CONSIDERED	10/4/02
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
MCT	—	5,538,897	7-23-96	Yates III et al.	436	89	3-14-94
MCT	—	6,017,693	1-25-00	Yates III et al.	435	5	11-27-96

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)
MCT		WO 98/59360	12-30-98	PCT			
		WO 98/59361	12-30-98	PCT			
		WO 98/59362	12-30-98	PCT			
		WO 99/16103	04-01-99	PCT			
		WO 00/11208	3-2-00	PCT			
MCT		WO 00/70648	11-23-00	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

MCT	—	Aebersold et al., "Towards an integrated analytical technology for the generation of multidimensional protein expression maps," <u>J. Protein Chem.</u> , 17(6):533-535 (1998).
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MCS		Constanzo et al., "The yeast proteome database (YPD) and <i>caenorhabditis elegans</i> proteome database (WormPD): comprehensive resources for the organization and comparison of model organism protein information," <u>Nucleic Acids Res.</u> 28(1):73-76 (2000).
		Dalmasso, "Discovery of protein biomarkers and "Phenomic Fingerprints" using SELDI ProteinChip® systems," <u>Life Science On-line</u> , (1999) (printed from http://www.ciphergen.com/bio.html on 6/7/01).
		Ducret et al., "High throughput protein characterization by automated reverse-phase chromatography/electrospray tandem mass spectrometry" <u>Protein Sciences</u> , 7(3):706-719 (1998).
		Eng et al., "An approach to correlate tandem mass spectral data peptides with amino acid sequence in a protein database," <u>J. Am. Soc. Mass. Spectrom.</u> , 5:976-989 (1994).
V		Goodlett et al., "Protein identification with a single accurate mass of a cysteine-containing peptide and constrained database searching" <u>Anal. Chem.</u> 72(6):1112-1118 (2000).
MCS		Gygi et al., "Correlation between protein and mRNA abundance in yeast" <u>Mol. Cell Biol.</u> 19(3):1720-1730 (1999).
Duplicate of PTO-892		Gygi et al., "Quantitative analysis of complex protein mixtures using isotope-coded affinity tags," <u>Nat. Biotechnol.</u>, 17(10):994-999 (1999).
MCS		Gygi et al., "Evaluation of two-dimensional gel electrophoresis based proteome analysis technology" <u>Proc. Natl. Acad. Sci. USA.</u> , 97:9390-9395 (2000).
MCS		Hutchens and Yip, "New desorption strategies for the mass spectrometric analysis of macromolecules," <u>Rapid Commun. Mass Spectrom.</u> , 7:576-580 (1993).

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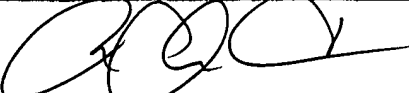
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MCO		Kuwata et al., "Bacterial domain of lactoferrin: detection, quantitation, and characterization of lactoferricin in serum by SELDI affinity mass spectrometry," <u>Biochemical Biophysical Research Communications</u> , 245:764-773 (1998).
MCO		Kuwata et al., "Direct detection and quantitative determination of bovine lactoferricin and lactoferrin fragments in human gastric contents by affinity mass spectrometry," <u>Advances in Experimental Medicine Biology</u> , 443:23-32 (1998).
Duplicate of PTO-892		Masselon et al., "Accurate mass multiplexed tandem mass spectrometry for high-throughput polypeptide identification from mixtures," <u>Anal. Chem.</u>, 72:1918-1924 (2000).
MCO		Merchant and Weinberger, "Recent advancements in surface-enhanced laser desorption/ionization-time of flight-mass spectrometry," <u>Electrophoresis</u> , 21:1164-1167 (2000).
		Oda et al., "Accurate quantitation of protein expression and site-specific phosphorylation" <u>Proc. Natl. Acad. Sci. USA</u> , 96:6591-6596 (1999).
		Patterson and Aebersold, "Mass spectrometric approaches for identification of gel-separated proteins," <u>Electrophoresis</u> , 16:1791-1814 (1995).
V		Paweletz et al., "Rapid protein display profiling of cancer progression directly from human tissue using a protein biochip," <u>Drug Development Research</u> , 49:34-42 (2000).
MCO		Voivodov et al., "Surface arrays of energy absorbing polymers enabling covalent attachment of biomolecules for subsequent laser-induced uncoupling/desorption," <u>Tetrahedron Lett.</u> , 37:5669-5672 (1996).

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